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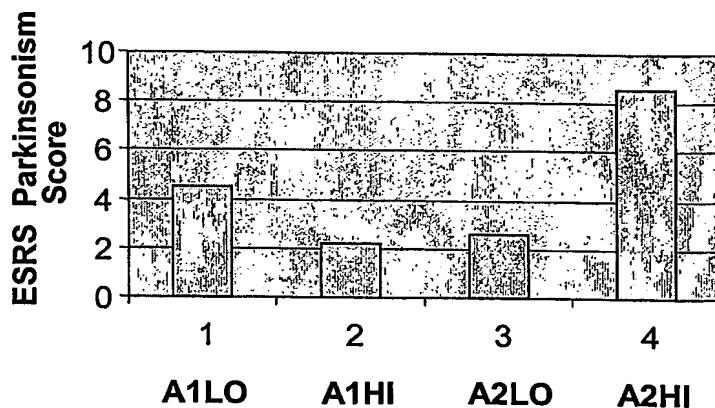
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(54) Title: GENETIC MARKER OF RESPONSE TO ATYPICAL ANTIPSYCHOTICS AND ANTIDEPRESSANTS AND METHODS FOR USE THEREOF



(57) Abstract: The invention provides methods of identifying candidate psychiatric patients, or patients with movement disorder, for treatment with medication that acts at a D2 dopan-line receptor site or increases density of D2 dopamine receptors. The method comprises determining a patient's DRD2 genotype. Patients having the Taq1A (A1) allele (A1+ allelic status) are candidates for treatment with high dose, high binding antipsychotics and/or SSRIs that influence D2 receptor density. Patients lacking the Taq1A allele (A1- allelic status) are candidates for treatment with low dose, low binding atypical antipsychotics, and are not likely to respond well to these SSRIs.